



Danish Energy Agency

Les stockages thermiques de grande capacité au Danemark

17/06/2026



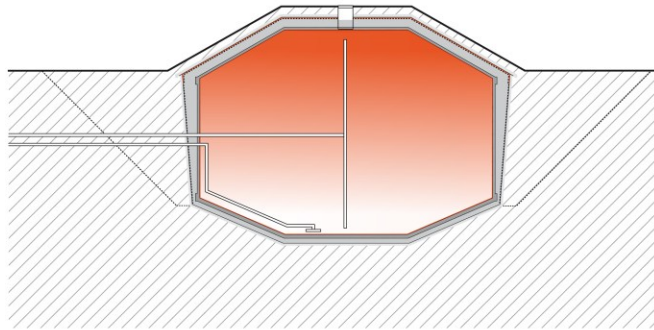
Sommaire

- 1 Les différents types de LTES
- 2 Le développement du stockage thermique au Danemark
- 3 L'intégration avec les réseaux de chaleur

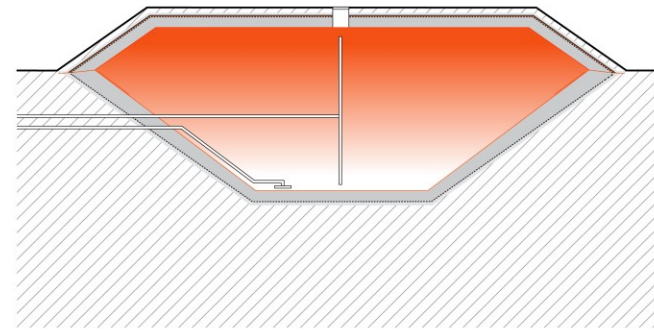


4 types de LTES

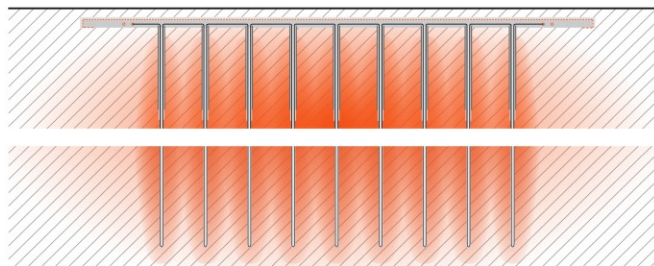
Tank thermal energy storage (TTES)
(60 to 80 kWh/m³)



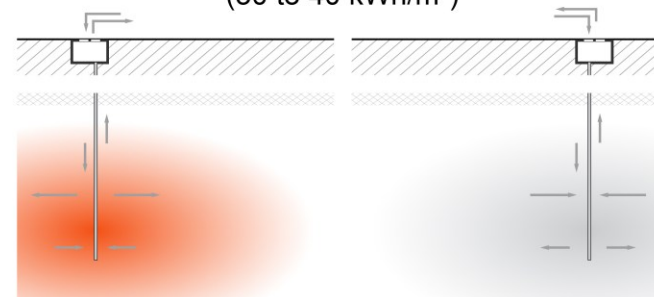
Pit thermal energy storage (PTES)
(30 to 80 kWh/m³)



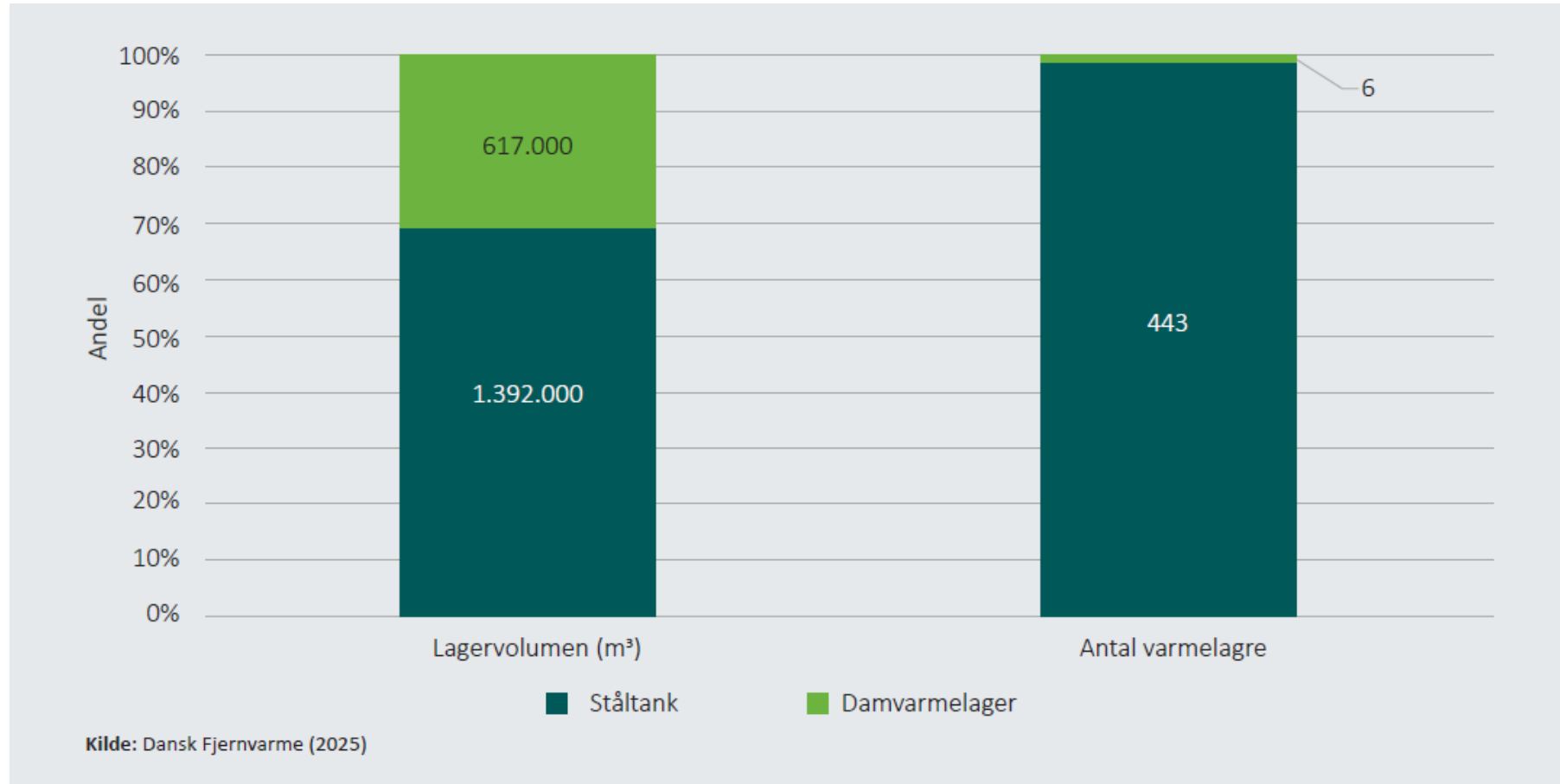
Borehole thermal energy storage
(BTES)
(15 to 30 kWh/m³)



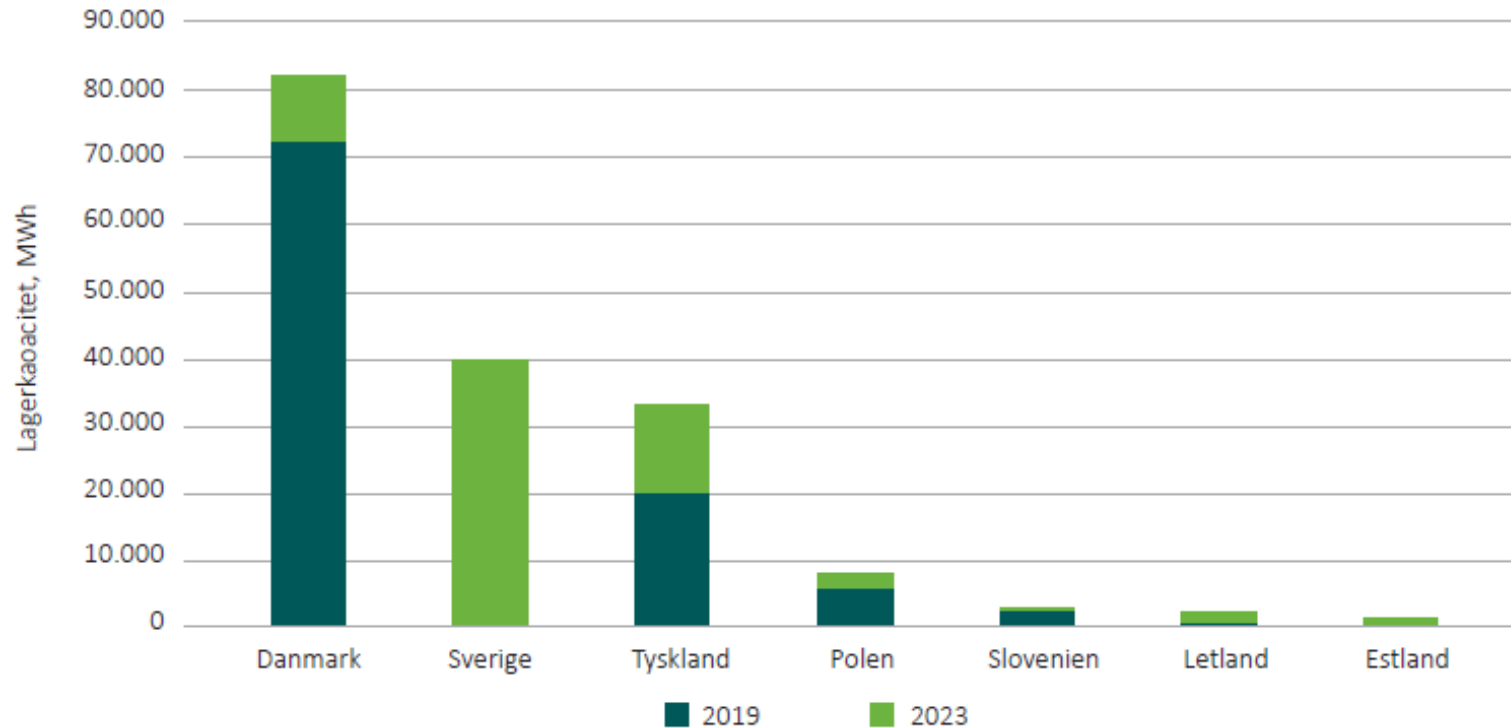
Aquifer thermal energy storage
(ATES)
(30 to 40 kWh/m³)



TTES et PTES au Danemark



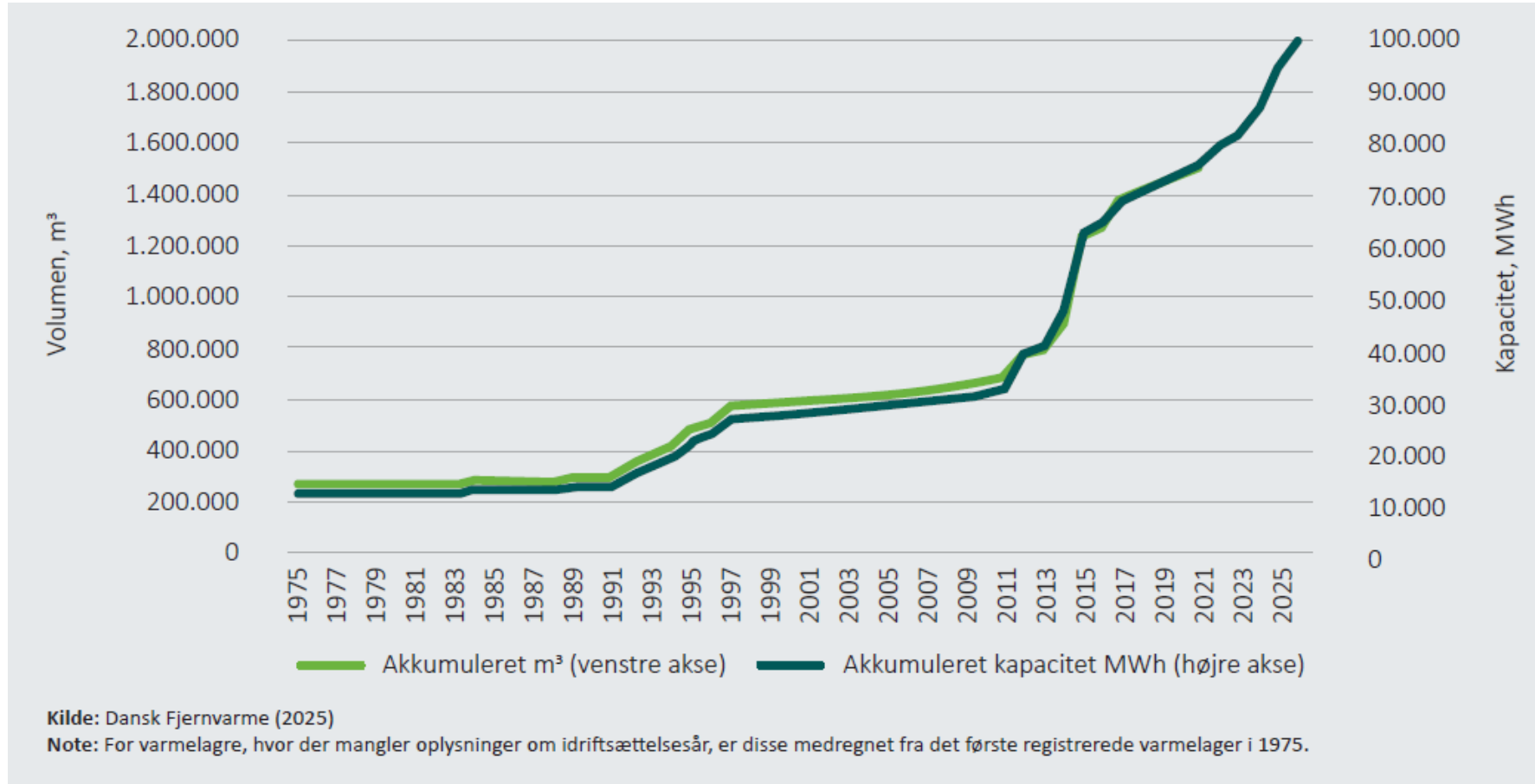
Le Danemark, leader européen du TES



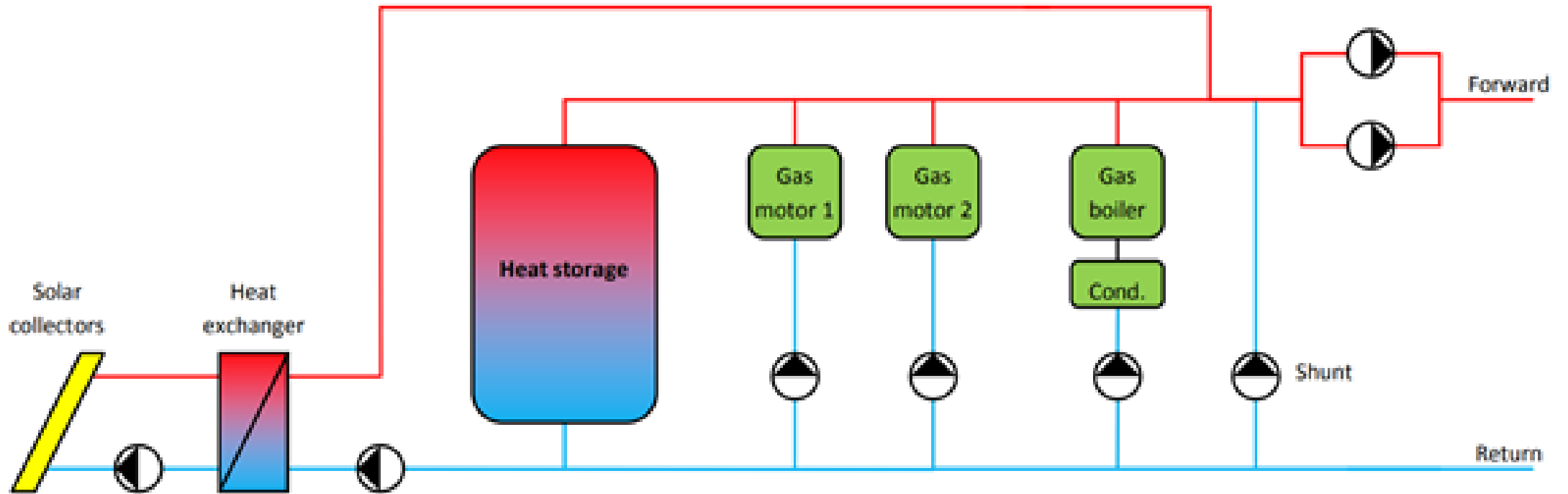
Kilde: Euroheat & Power, 2025. Data for Danmark er fra Dansk Fjernvarmes medlemsundersøgelse, 2025

Note: Euroheat & Power understreger, at data for nogen lande højst sandsynligt er underestimeret, mens data er været svære at indsamle i andre.

Un développement dès les années 80-90



Intégration des LTES avec les RdC



Tak!

